

## ABSTRACT

A solid electrolyte of the present invention is represented by a general formula:  $\text{Li}_x\text{MO}_y\text{N}_z$ , where M is at least one element selected from the group consisting of Si, B, Ge, Al, C, Ga and S, and x, y and z respectively satisfy  $x = 0.6$  to  $5.0$ ,  $y = 1.050$  to  $3.985$ , and  $z = 0.01$  to  $0.50$ . The solid electrolyte hardly deteriorates in a wet atmosphere.